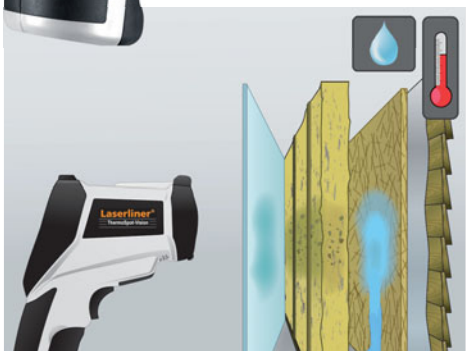
Laserliner®

ThermoSpot-Vision

Contactless temperature measuring instrument with real-time video image and memory function for perfect documentation

Rev.0511

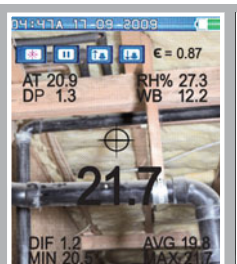


- **Precision infrared thermometer** with large measuring range: -50 °C … 1300 °C
- **Real-time video display** of measuring point with all relevant date
- **Measuring point marked by dual laser** and target mark in display for exact object pinpointing
- **Adjustable emission coefficient** with material display
- **Integrated sensors for humidity and ambient temperature** to assess room climate (Dew point assessment)
- **Additional K-type thermocouple connection** for contact temperature measurement
- High-grade infrared **optics: 50:1**
- Visual and acoustic **high/low alarm function**
- **Min./Max./Avg./Dif. display:** Display of minimum, maximum, average and differential value.
- **Playback function** for image and video recordings
- All measured data recorded in internal memory (40 MB) or on **micro SD card** (max. 8 GB)
- Powerful **li-ion rechargeable battery**
- **USB interface**

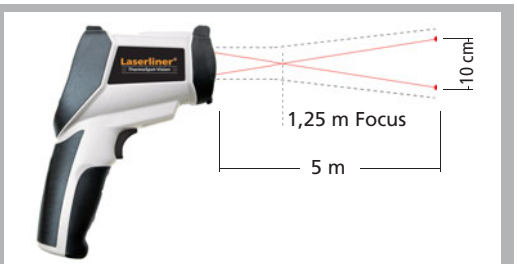
2,2" colour TFT | REC jpg/avi | DUAL Laser | micro SD | USB | Li-Ion Battery | 320 x 240 Pixel

TECHNICAL DATA

INFRARED -50 °C … 1300 °C **ACCURACY** ± 1.0 % ± 1 °C (20 °C … 500 °C) ± 1.5 % (500 °C … 1300 °C) **MEASURING RATE** 150 ms **SPECTRAL SENSITIVITY** 8 … 14µm
AMBIENT TEMPERATURE 0 °C … 50 °C **ACCURACY** ± 0.5% ± 0.5°C (10 °C … 40 °C)
RELATIVE AIR HUMIDITY 0% … 100% rH **ACCURACY** ± 3,0 %rH (40 % … 60 %rH
DEW POINT TEMPERATURE 0 °C … 50 °C **ACCURACY** ± 0.5 °C (10 °C … 40 °C)
K-TYPE SENSOR -50 °C … 1350 °C **ACCURACY** ± 0.5 % ± 1.5 °C (0 °C … 1350 °C)
OPTICS 50:1
EMISSION COEFFICIENT 0.10 … 1.0, adjustable
DISPLAY 2.2" TFT colour display, 320 x 240 pixel
LASER WAVELENGTH 635 nm
LASER class 2, < 1 mW
INTERFACE MicroSD, USB 2.0
POWER SUPPLY Li-Ionen battey
WEIGHT 0.410 kg
DIMENSIONS (W x H x D) 205 x 62 x 155 mm



Real-time video display of measuring point with all relevant date



High-grade infrared optics: 50:1

Article no.: 082.080A
EAN-Code: 4 021563 676361

ThermoSpot-Vision
including carrying case
+ Li-Ionen battery
+ USB-cord
+ Software

Packaging dimension (W x H x D)
335 x 275 x 84 mm
PU 2

UMAREX GmbH & Co. KG · Donnerfeld 2 · 59757 Arnsberg · Germany · Tel. +49 2932 638-300 · Fax +49 2932 638-333 · laserliner@umarex.de · www.laserliner.com